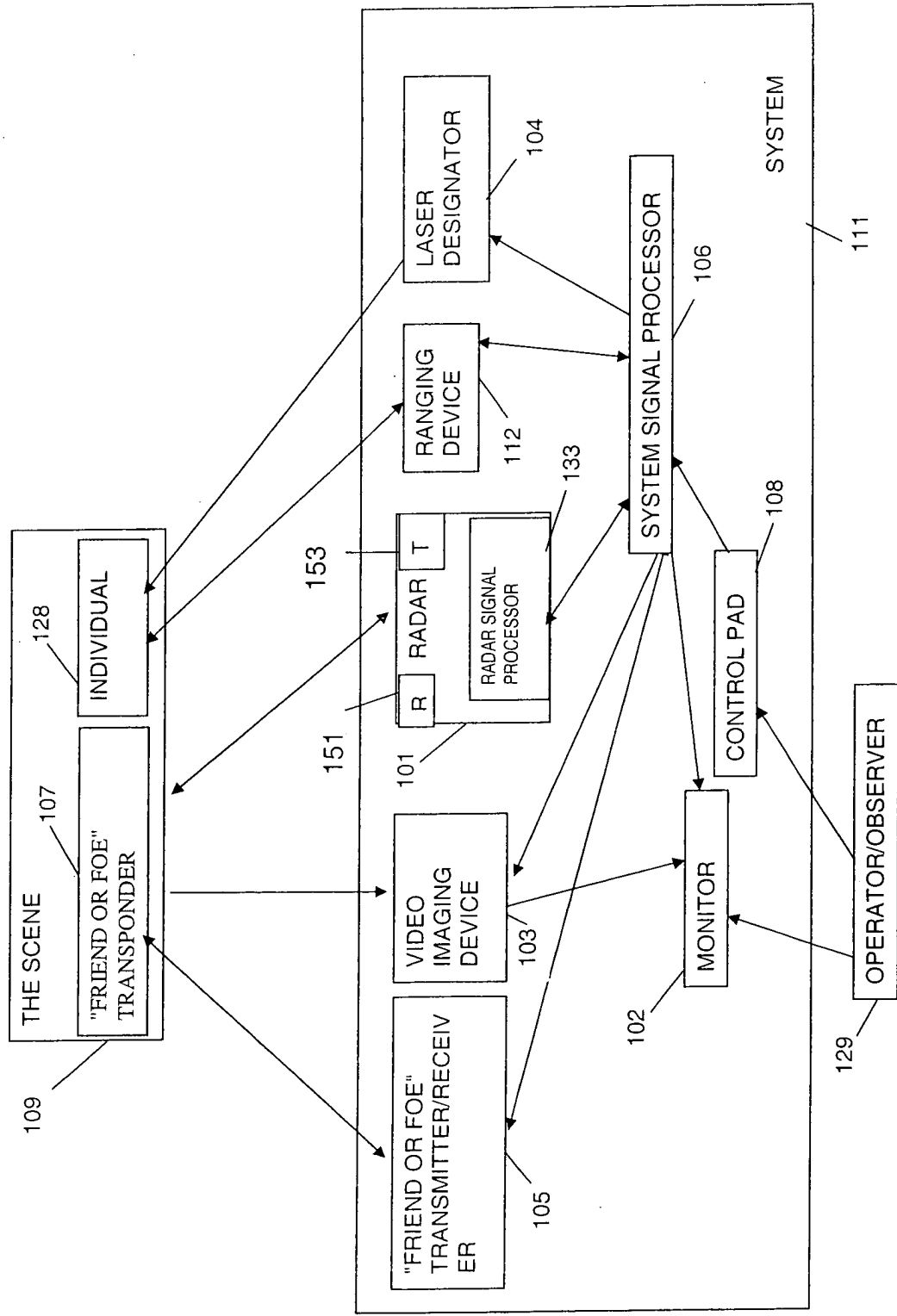


FIGURE 1



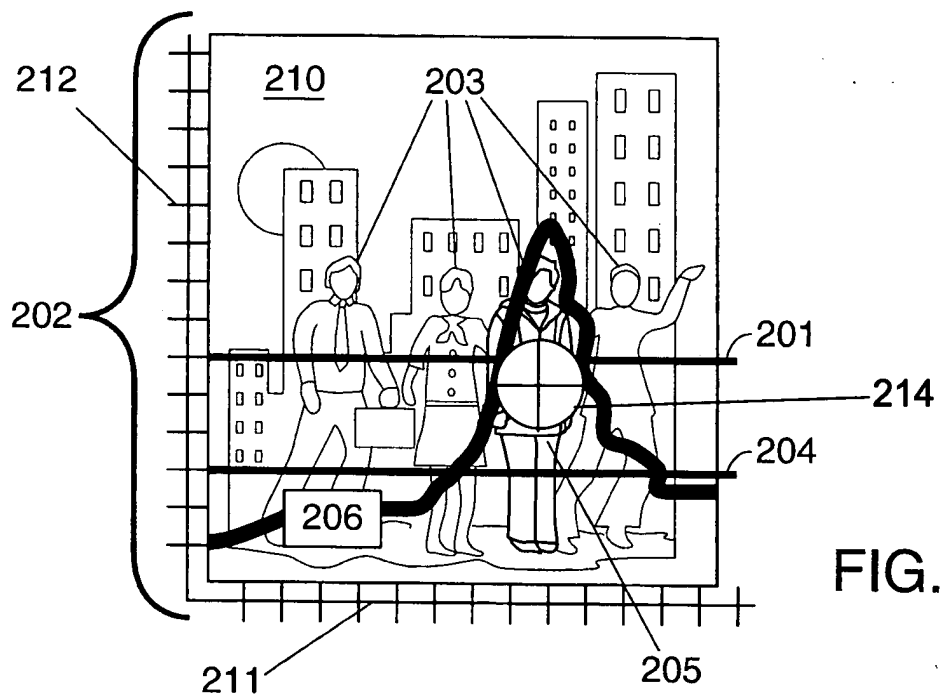


FIG. 2a

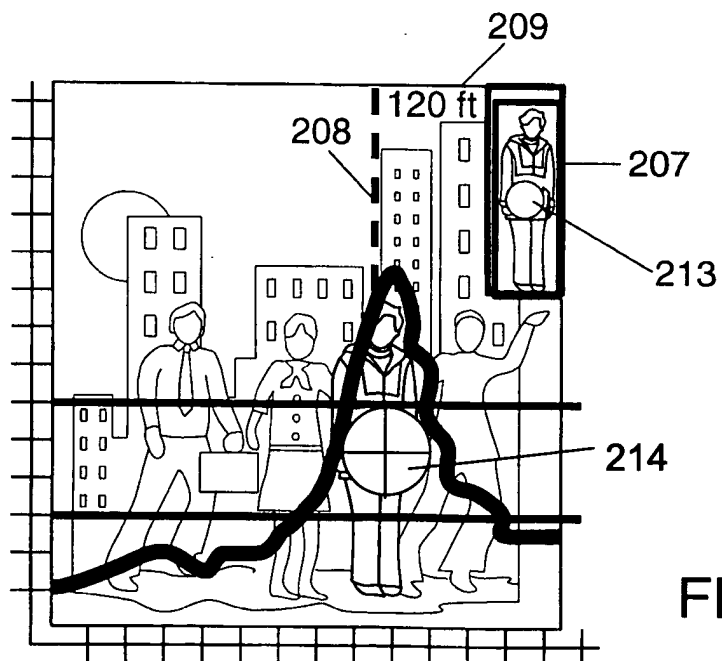


FIG. 2b

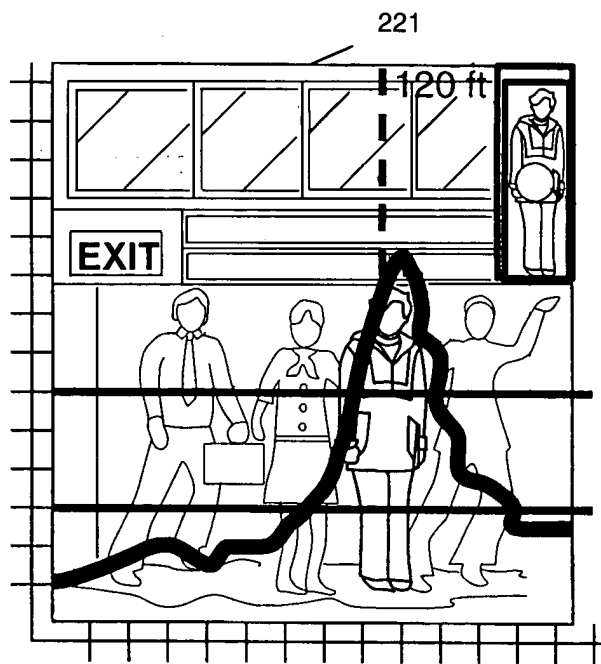


FIG. 2c

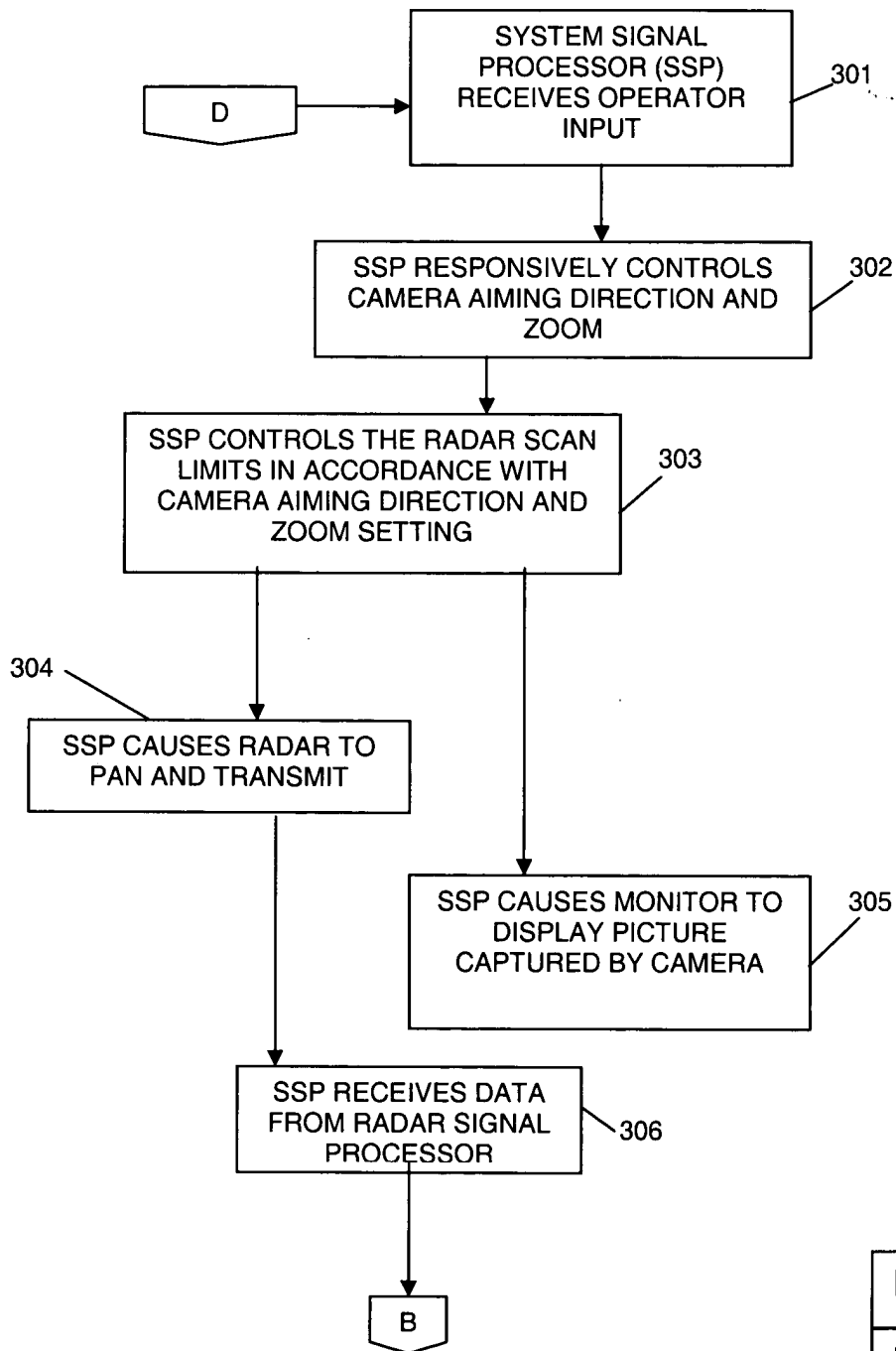
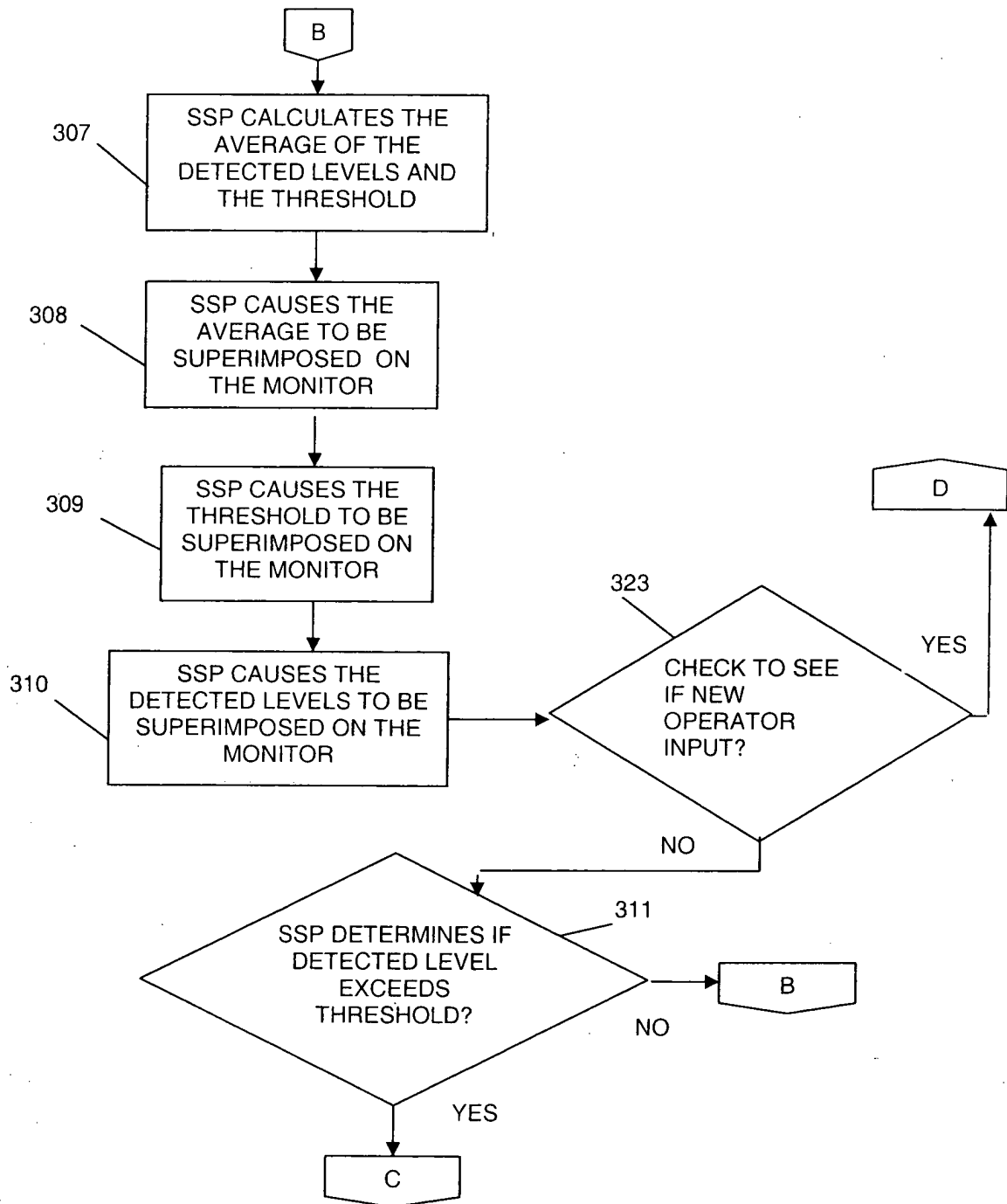


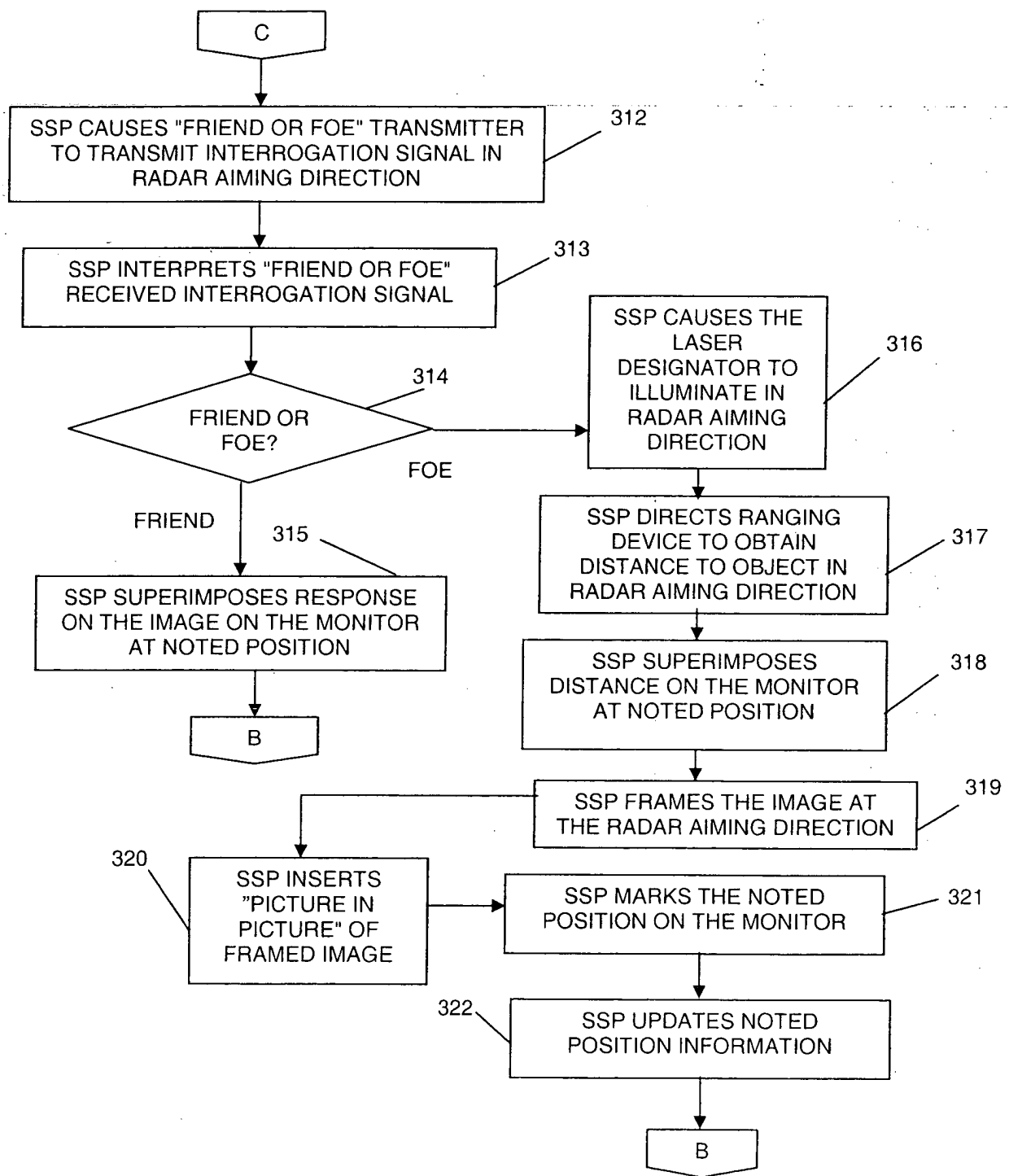
FIGURE 3A

FIGURE 3A
FIGURE 3B
FIGURE 3C

FIGURE 3



**FIGURE 3B**



**FIGURE 3C**

400	
413	
401	<b>PARAMETER</b>
402	<b>VALUE</b>
403	FREQUENCY
404	95 GHZ
405	WAVE LENGTH
406	0.32 CENTIMETERS
407	ANTENNA GAIN
408	43 DB
409	RADAR BANDWIDTH
410	475 MHZ
411	NOISE FIGURE
412	5 DB
	LOSSES
	4 DB
	PEAK TRANSMITTED POWER
	0.1 WATT
	BEAMWIDTH
	1.15 DEGREES
	ANTENNA DIAMETER
	19.3 CENTIMETERS
	ANTENNA EFFICIENCY
	55 PER CENT
	FACTOR
	DISTANCE TO TARGET
	100 METERS
	HEIGHT OF TARGET
	2 METERS

FIGURE 4

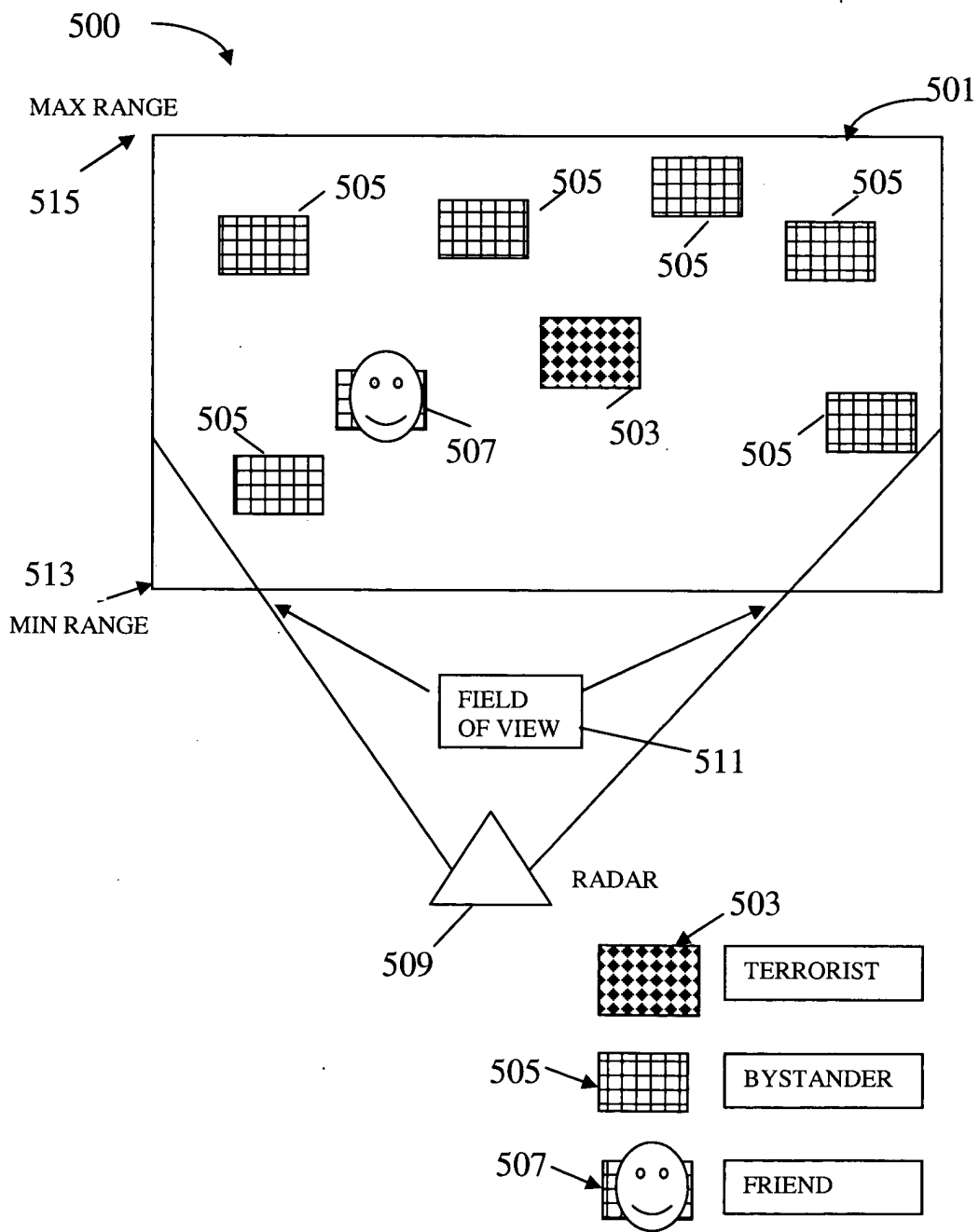


FIGURE 5



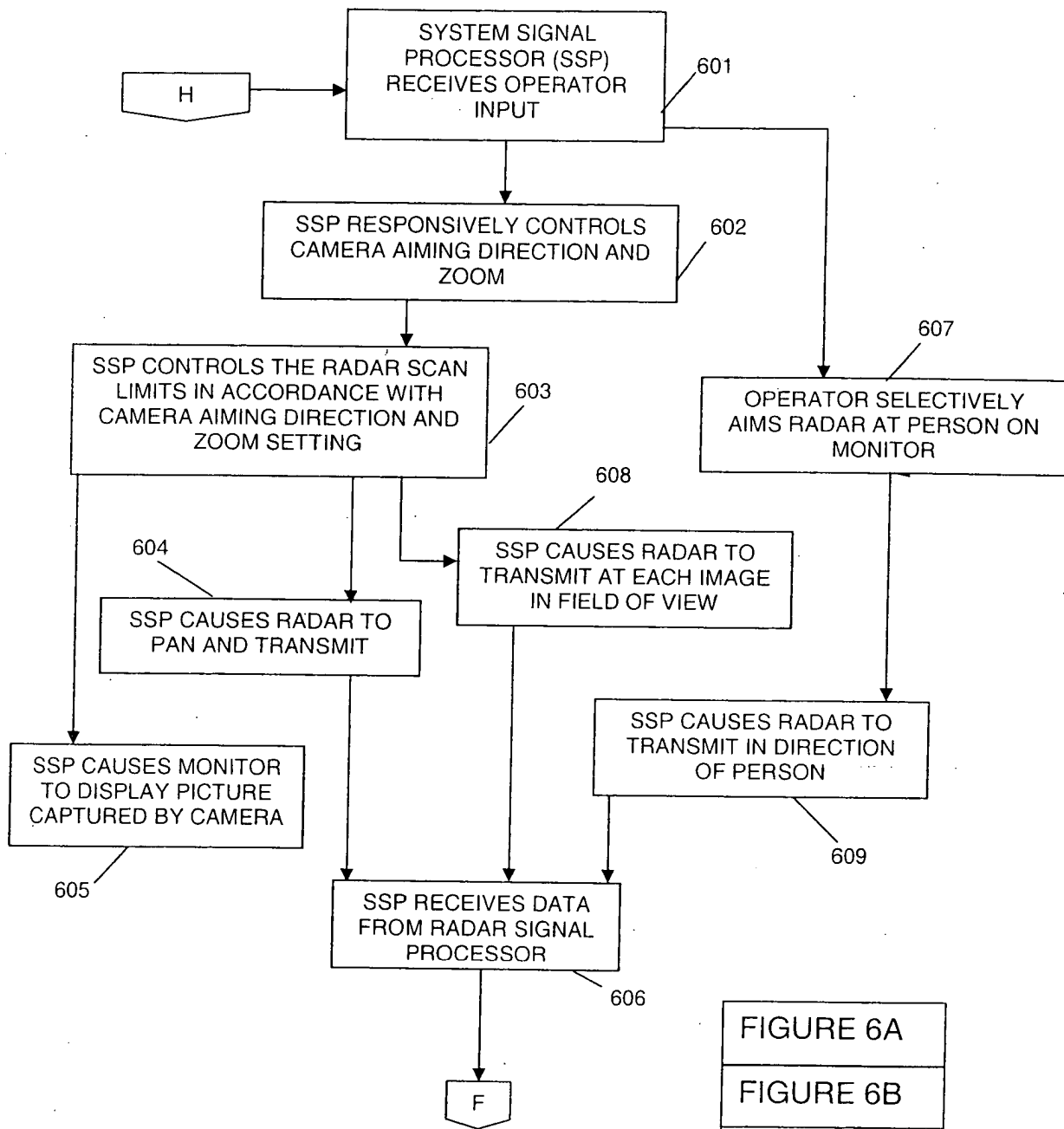


FIGURE 6A

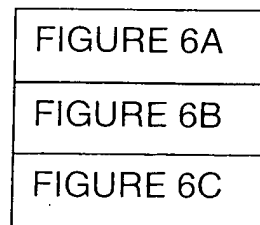


FIGURE 6

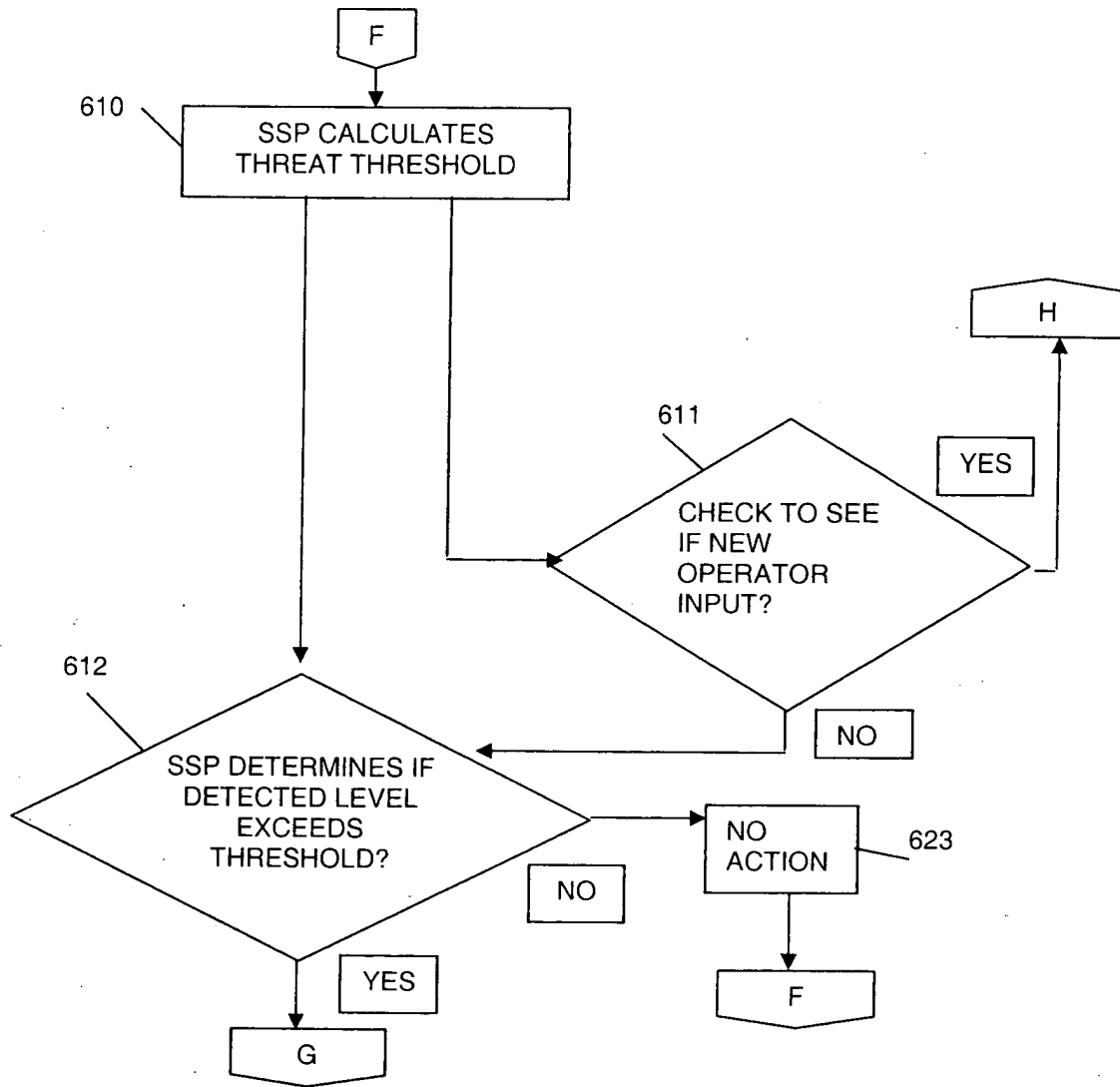


Figure 6B

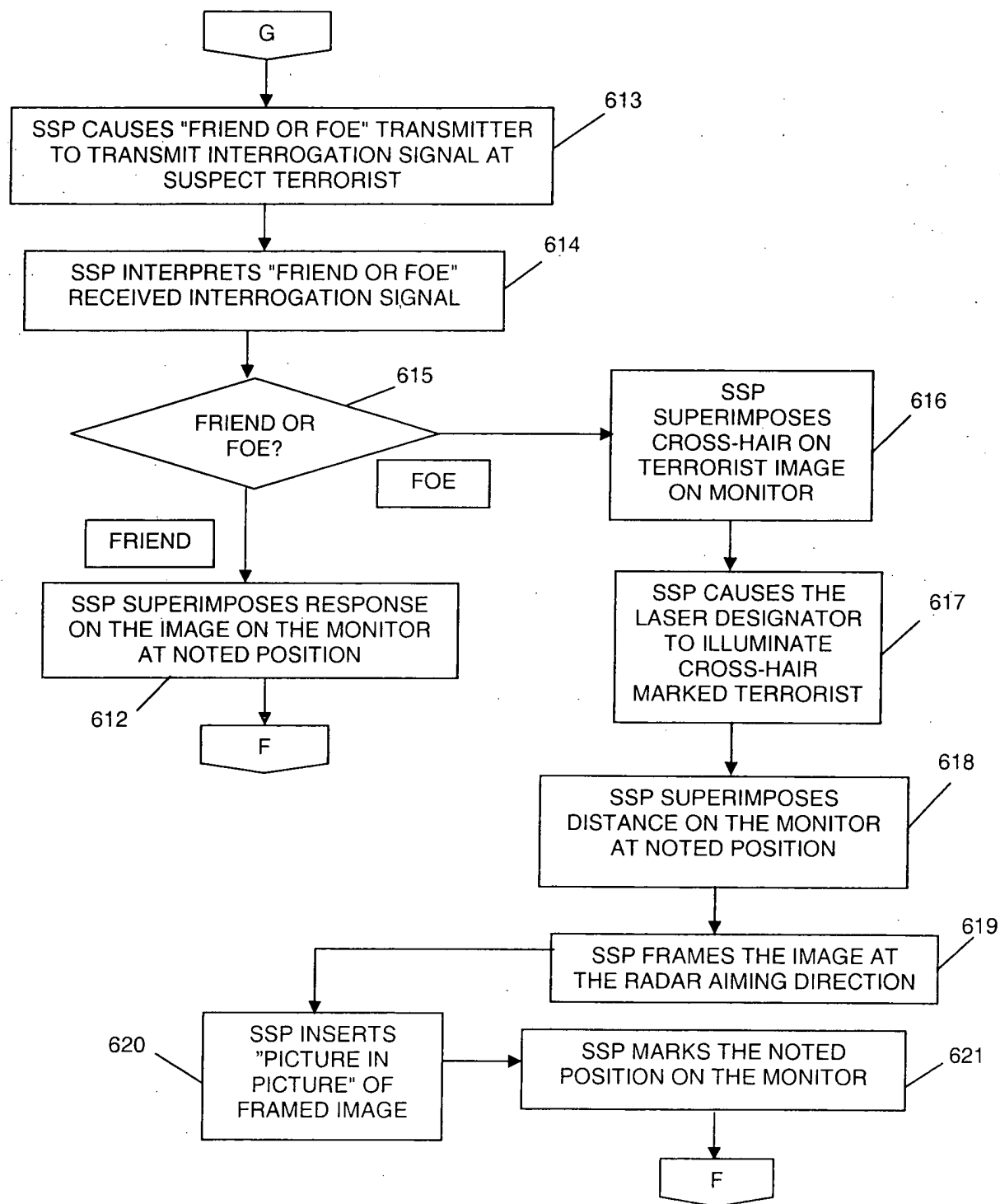


Figure 6C

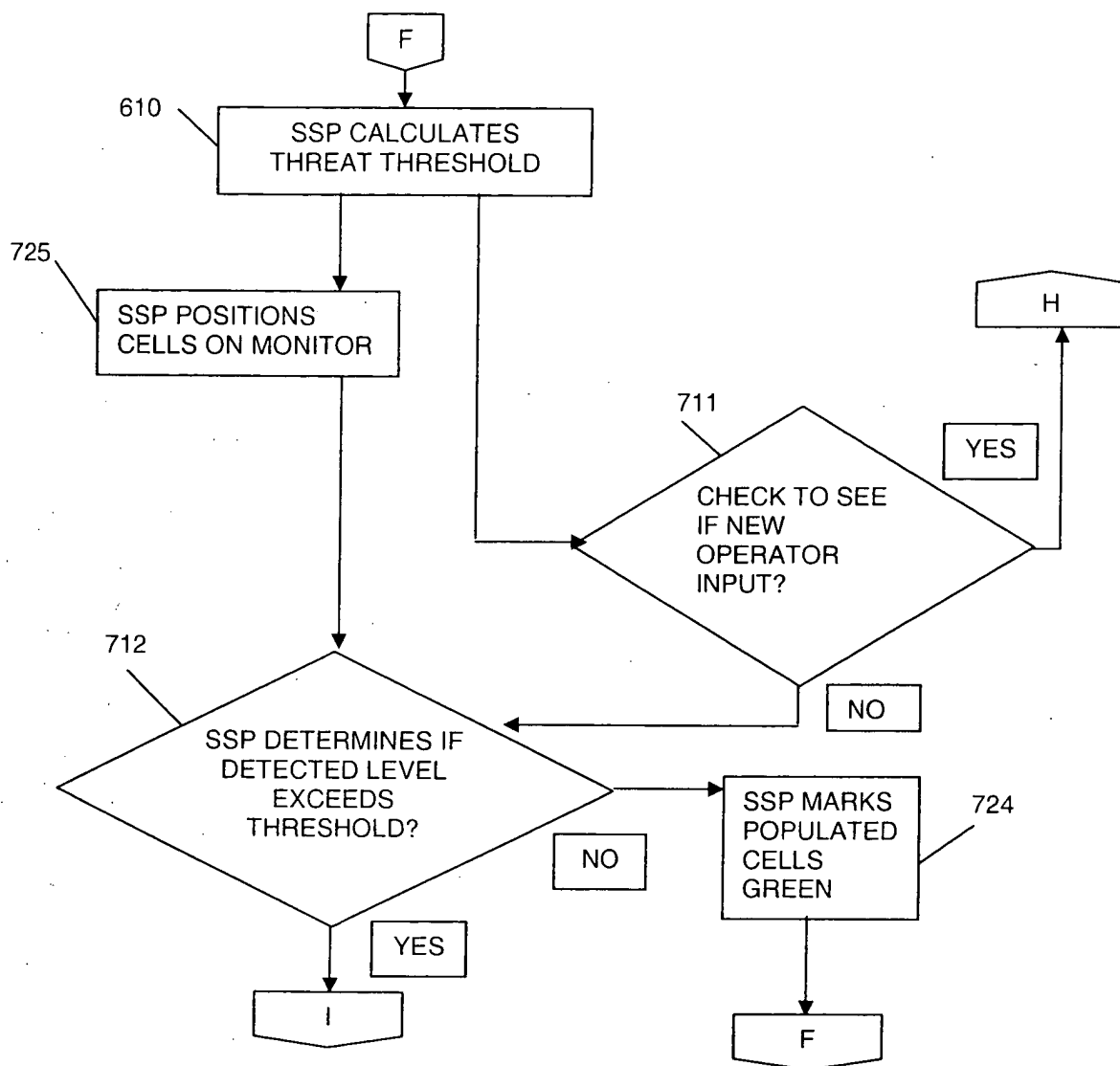


Figure 7B

FIGURE 6A
FIGURE 7B
FIGURE 7C

FIGURE 7

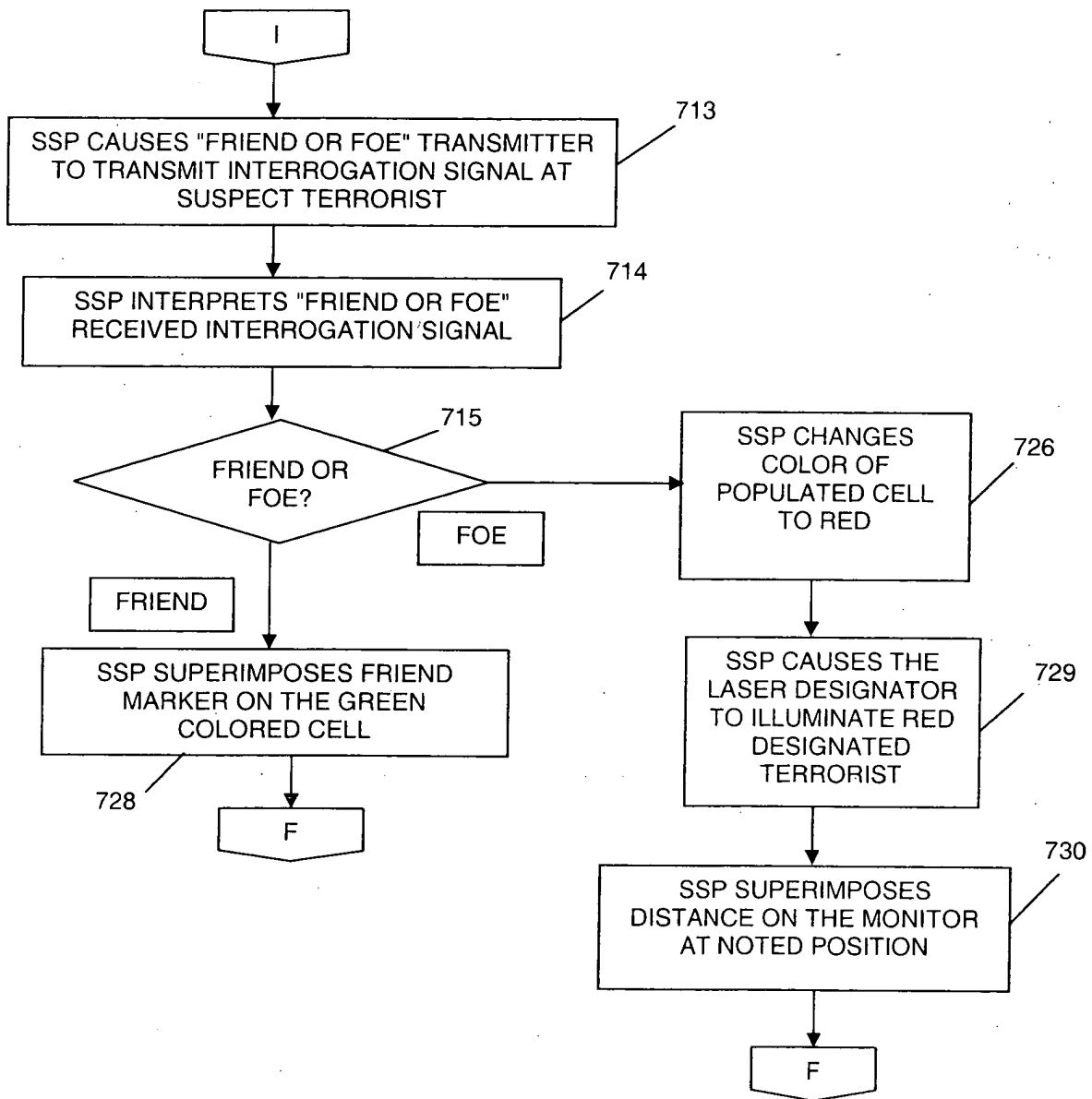


Figure 7C

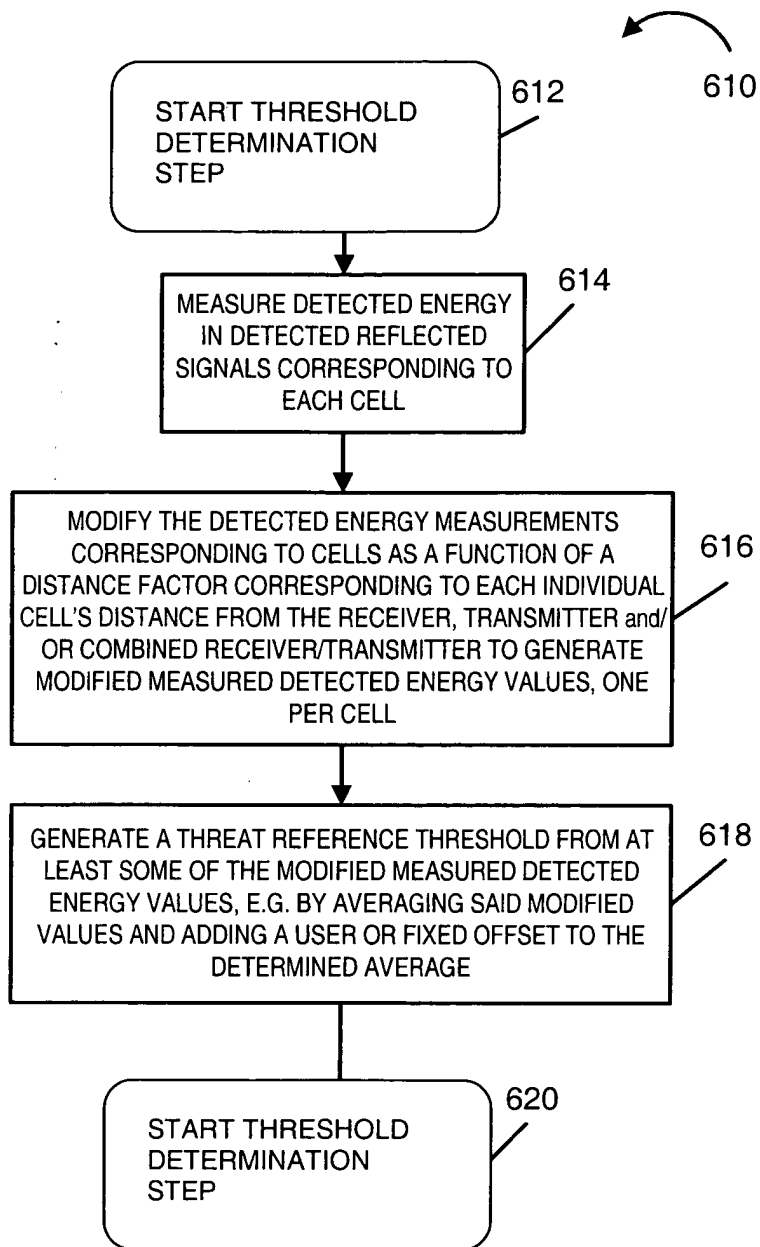


Figure 8